Development of a Comprehensive Method for Modelling Performance of Aircraft Tyres Rolling or Braking on Dry and Precipitation-Contaminated Runways

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ERRATA

Please note that on page xxxix, the table entitled "Numerical values of constants – British and Metric Units" contains two errors in the Metric Value column. The values should read: $\eta_0 = 0.6842$ and $\eta_1 = 0.1025$.

	British		Metric	
Symbol	**Value**	**Unit**	**Value**	**Unit**
a_0	3.138		3.138	
d_0	3.333×10^{-4}	ft	1.016×10^{-4}	m
d_{tex_0}	1.95×10^{-4}	ft	5.9436×10^{-5}	m
$C_{u\,REF}$	5.6×10^{4}	lbf/ft^2	2.6813×10^{6}	N/m^2
$G_{s\,REF}$	7.305×10^{7}	lbf/ft^2	3.4977×10^{9}	N/m^2
m_1	0.4		0.4	
m_2	2.4		2.4	
γ_0	0.2	ft^{-2}	2.15278	m^{-2}
$\mathrm{E}\left[\mu_{REF\,ICE\,1}\right]$	0.36		0.36	
$\mathrm{E}\left[\mu_{REF\,ICE\,2}\right]$	0.25		0.25	
ζ_0	0.0062	lbf$^{-1/3}$	3.7699×10^{-3}	N$^{-1/3}$
ζ_1	2.31×10^{-5}	ft^{-1} lbf$^{-1/3}$	4.60824×10^{-5}	m^{-1} N$^{-1/3}$
η_0	0.416	lbf$^{4/3}$	0.6842	N$^{1/3}$
η_1	0.019	lbf$^{4/3}$ft^{-1}	0.1025	N$^{1/3}$m^{-1}
η_{20}	2.5		2.5	
η_{21}	-12		-12	
σ_{ICE}	0.92		0.92	
$\sigma\left[\mu_{REF\,ICE}\right]$	0.084		0.084	
φ_{10}	-0.0282		-0.0282	
φ_{11}	3.9		3.9	
φ_{12}	1.9		1.9	
ξ_{01}	13.11		13.11	
ξ_{11}	1.93	ft$^{3/4}$	4.7049	m$^{3/4}$
ξ_{12}	0.16		0.16	
ξ_{21}	0.463	ft	0.1411	m
ξ_{22}			0.8	
ξ_{23}	3.75	ft	1.143	m